

OPE
27
1/9/2002Sortal Number: 09/819,097

ENTERED

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a formal error in the Current Application Data section, specifically:

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was the prior application data; or other _____.

Added the mandatory heading and subheadings for "Current Application Data".

Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

Changed the spelling of a mandatory field (the headings or subheadings), specifically:

Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were:

Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

Inserted colons after headings/subheadings. Headings edited included: _____

Deleted extra, invalid, headings used by an applicant, specifically:

Deleted: non-ASCII "garbage" at the beginning/end of files; secretary initials/filename at end of file; page numbers throughout text; other invalid text, such as _____

Inserted mandatory headings, specifically: _____

Corrected an obvious error in the response, specifically:

Edited identifiers where upper case is used but lower case is required, or vice versa.

Corrected an error in the Number of Sequences field, specifically:

A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

Deleted ending stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

Other:

Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

OIPE

RAW SEQUENCE LISTING DATE: 01/09/2002
PATENT APPLICATION: US/09/819,097 TIME: 08:14:18

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01092002\I819097.raw

3 <110> APPLICANT: Douglas, Andrea M.
4 Begley, Colin G.
6 <120> TITLE OF INVENTION: CYTOKINES AND THEIR USE IN TREATMENT AND/OR PROPHYLAXIS
7 OF BREAST CANCER
9 <130> FILE REFERENCE: 11375Z
11 <140> CURRENT APPLICATION NUMBER: 09/819,097
12 <141> CURRENT FILING DATE: 2001-03-05
14 <150> PRIOR APPLICATION NUMBER: 09/051,939
15 <151> PRIOR FILING DATE: 1998-10-16
17 <160> NUMBER OF SEQ ID NOS: 28
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 41
23 <212> TYPE: DNA
24 <213> ORGANISM: Artificial Sequence
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Description of Artificial Sequence:gp130
28 oligonucleotide probe
30 <400> SEQUENCE: 1
31 gaggtgtgag tggatggtg ggctgcatact gatttgccaa c 41
34 <210> SEQ ID NO: 2
35 <211> LENGTH: 25
36 <212> TYPE: DNA
37 <213> ORGANISM: Artificial Sequence
39 <220> FEATURE:
40 <223> OTHER INFORMATION: Description of Artificial Sequence:gp130
41 oligonucleotide probe
43 <400> SEQUENCE: 2
44 gggcaacaca caagtttgct gattg 25
47 <210> SEQ ID NO: 3
48 <211> LENGTH: 40
49 <212> TYPE: DNA
50 <213> ORGANISM: Artificial Sequence
52 <220> FEATURE:
53 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-6R
54 oligonucleotide probe
56 <400> SEQUENCE: 3
57 gtttcagaac agtccggccg cttgccttcg ttcagagccc 40
60 <210> SEQ ID NO: 4
61 <211> LENGTH: 25
62 <212> TYPE: DNA
63 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-6R
67 oligonucleotide probe
69 <400> SEQUENCE: 4
70 caggagccgt gccagtattc ccagg 25

RAW SEQUENCE LISTING DATE: 01/09/2002
PATENT APPLICATION: US/09/819,097 TIME: 08:14:18

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01092002\I819097.raw

73 <210> SEQ ID NO: 5
74 <211> LENGTH: 41
75 <212> TYPE: DNA
76 <213> ORGANISM: Artificial Sequence
78 <220> FEATURE:
79 <223> OTHER INFORMATION: Description of Artificial Sequence:LIFR
80 oligonucleotide probe
82 <400> SEQUENCE: 5
83 ccctctggaa caggccgtgg caaggggcag tttgtatggc c 41
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 26
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence:LIFR
93 oligonucleotide probe
95 <400> SEQUENCE: 6
96 gaagtttgca ttgaaaaacag gtcccg 26
99 <210> SEQ ID NO: 7
100 <211> LENGTH: 40
101 <212> TYPE: DNA
102 <213> ORGANISM: Artificial Sequence
104 <220> FEATURE:
105 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-11R
106 oligonucleotide probe
108 <400> SEQUENCE: 7
109 ctgagttctg gagccagtac ggtgtgggtt gaggaggc 40
112 <210> SEQ ID NO: 8
113 <211> LENGTH: 25
114 <212> TYPE: DNA
115 <213> ORGANISM: Artificial Sequence
117 <220> FEATURE:
118 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-11R
119 oligonucleotide probe
121 <400> SEQUENCE: 8
122 gtgactgagg tgaacccact gggtg 25
125 <210> SEQ ID NO: 9
126 <211> LENGTH: 40
127 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence:CNTFR
132 oligonucleotide probe
134 <400> SEQUENCE: 9
135 gtgggcctgc tgtgctgtgc ccagccggcg agggttgctg 40
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 24
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002
TIME: 08:14:18

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01092002\I819097.raw

143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence: CNTFR
145 oligonucleotide probe
147 <400> SEQUENCE: 10
148 cgccgcagggtgtctacgccc agag 24
151 <210> SEQ ID NO: 11
152 <211> LENGTH: 42
153 <212> TYPE: DNA
154 <213> ORGANISM: Artificial Sequence
156 <220> FEATURE:
157 <223> OTHER INFORMATION: Description of Artificial Sequence: G-CSFR
158 oligonucleotide probe
160 <400> SEQUENCE: 11
161 gctgcatcta aagcacattt gagatggtga gagcctggc tg 42
164 <210> SEQ ID NO: 12
165 <211> LENGTH: 25
166 <212> TYPE: DNA
167 <213> ORGANISM: Artificial Sequence
169 <220> FEATURE:
170 <223> OTHER INFORMATION: Description of Artificial Sequence: G-CSFR
171 oligonucleotide probe
173 <400> SEQUENCE: 12
174 gacctggcca cagctggagt gggtg 25
177 <210> SEQ ID NO: 13
178 <211> LENGTH: 40
179 <212> TYPE: DNA
180 <213> ORGANISM: Artificial Sequence
182 <220> FEATURE:
183 <223> OTHER INFORMATION: Description of Artificial Sequence: PLR
184 oligonucleotide probe
186 <400> SEQUENCE: 13
187 cagactacat aaccgggtggc tggcatccca aggcaactcag 40
190 <210> SEQ ID NO: 14
191 <211> LENGTH: 25
192 <212> TYPE: DNA
193 <213> ORGANISM: Artificial Sequence
195 <220> FEATURE:
196 <223> OTHER INFORMATION: Description of Artificial Sequence: PLR
197 oligonucleotide probe
199 <400> SEQUENCE: 14
200 caagcagtac acctccatgt ggagg 25
203 <210> SEQ ID NO: 15
204 <211> LENGTH: 40
205 <212> TYPE: DNA
206 <213> ORGANISM: Artificial Sequence
208 <220> FEATURE:
209 <223> OTHER INFORMATION: Description of Artificial Sequence: GHR
210 oligonucleotide probe
212 <400> SEQUENCE: 15

RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002

TIME: 08:14:18

Input Set : A:\PTO.AMC.txt
 Output Set: N:\CRF3\01092002\I819097.raw

213 cagatccacc cattgccctc cgccatcctt caccctagg 40
 216 <210> SEQ ID NO: 16
 217 <211> LENGTH: 25
 218 <212> TYPE: DNA
 219 <213> ORGANISM: Artificial Sequence
 221 <220> FEATURE:
 222 <223> OTHER INFORMATION: Description of Artificial Sequence:GHR
 223 oligonucleotide probe
 225 <400> SEQUENCE: 16
 226 ggcgagttca gtgaggtgct ctatg 25
 229 <210> SEQ ID NO: 17
 230 <211> LENGTH: 40
 231 <212> TYPE: DNA
 232 <213> ORGANISM: Artificial Sequence
 234 <220> FEATURE:
 235 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
 236 (oligonucleotide probe
 238 <400> SEQUENCE: 17
 239 ccaccaggtt ctggccagg gagggaccag ttgcacctgc 40
 242 <210> SEQ ID NO: 18
 243 <211> LENGTH: 25
 244 <212> TYPE: DNA
 245 <213> ORGANISM: Artificial Sequence
 247 <220> FEATURE:
 248 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
 249 (oligonucleotide probe
 251 <400> SEQUENCE: 18
 252 gcaccggcta caacgggatc tggag 25
 255 <210> SEQ ID NO: 19
 256 <211> LENGTH: 40
 257 <212> TYPE: DNA
 258 <213> ORGANISM: Artificial Sequence
 260 <220> FEATURE:
 261 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
 262 (oligonucleotide probe
 264 <400> SEQUENCE: 19
 265 ggaaggggagg gtaccgctgc cttgaccacc accctgcctc 40
 268 <210> SEQ ID NO: 20
 269 <211> LENGTH: 25
 270 <212> TYPE: DNA
 271 <213> ORGANISM: Artificial Sequence
 273 <220> FEATURE:
 274 <223> OTHER INFORMATION: Description of Artificial Sequence:GM-CSFR
 275 (oligonucleotide probe
 277 <400> SEQUENCE: 20
 278 ctgtacctgg gcgaggggtc cgacg 25
 281 <210> SEQ ID NO: 21
 282 <211> LENGTH: 40
 283 <212> TYPE: DNA

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/819,097

DATE: 01/09/2002
TIME: 08:14:18

Input Set : A:\PTO.AMC.txt
Output Set: N:\CRF3\01092002\I819097.raw

284 <213> ORGANISM: Artificial Sequence
286 <220> FEATURE:
287 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-2R (oligonucleotide probe
288
290 <400> SEQUENCE: 21
291 cccctcccaag aggttcagtg agacacacca ctccaggccg 40
294 <210> SEQ ID NO: 22
295 <211> LENGTH: 25
296 <212> TYPE: DNA
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-2R (oligonucleotide probe
301
303 <400> SEQUENCE: 22
304 cagcagctct gagccccagg ctacc 25
307 <210> SEQ ID NO: 23
308 <211> LENGTH: 40
309 <212> TYPE: DNA
310 <213> ORGANISM: Artificial Sequence
312 <220> FEATURE:
313 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-3R (oligonucleotide probe
314
316 <400> SEQUENCE: 23
317 gccgactatt ctatgccggc cgttttggaa gctgtcacccg 40
320 <210> SEQ ID NO: 24
321 <211> LENGTH: 25
322 <212> TYPE: DNA
323 <213> ORGANISM: Artificial Sequence
325 <220> FEATURE:
326 <223> OTHER INFORMATION: Description of Artificial Sequence:IL-3R (oligonucleotide probe
327
329 <400> SEQUENCE: 24
330 ccgtcccgagt ggcacccca ccatt 25
333 <210> SEQ ID NO: 25
334 <211> LENGTH: 40
335 <212> TYPE: DNA
336 <213> ORGANISM: Artificial Sequence
338 <220> FEATURE:
339 <223> OTHER INFORMATION: Description of Artificial Sequence:ER
340 oligonucleotide probe
342 <400> SEQUENCE: 25
343 gtgtacaact accccggaggg ctcatgtctc cagcagaccc 40
346 <210> SEQ ID NO: 26
347 <211> LENGTH: 25
348 <212> TYPE: DNA
349 <213> ORGANISM: Artificial Sequence
351 <220> FEATURE:
352 <223> OTHER INFORMATION: Description of Artificial Sequence:ER
353 oligonucleotide probe

VERIFICATION SUMMARY

PATENT APPLICATION: **US/09/819,097**

DATE: 01/09/2002

TIME: 08:14:19

Input Set : **A:\PTO.AMC.txt**

Output Set: **N:\CRF3\01092002\I819097.raw**

OIPE

RAW SEQUENCE LISTING
 PATENT APPLICATION: US/09/819,097

DATE: 01/02/2002
 TIME: 13:08:08

Input Set : A:\11375Z.txt
 Output Set: N:\CRF3\01022002\I819097.raw

Does Not Comply
 Corrected Diskette Needed

3 <110> APPLICANT: Douglas, Andrea M.
 4 Begley, Colin G.
 6 <120> TITLE OF INVENTION: CYTOKINES AND THEIR USE IN TREATMENT AND/OR PROPHYLAXIS
 7 OF BREAST CANCER
 9 <130> FILE REFERENCE: 11375Z
 11 <140> CURRENT APPLICATION NUMBER: 09/819,097
 12 <141> CURRENT FILING DATE: 2001-03-05
 14 <150> PRIOR APPLICATION NUMBER: 09/051,939
 15 <151> PRIOR FILING DATE: 1998-10-16
 17 <160> NUMBER OF SEQ ID NOS: 28
 19 <170> SOFTWARE: PatentIn Ver. 2.1

ERRORED SEQUENCES

372 <210> SEQ ID NO: 28
 373 <211> LENGTH: 25
 374 <212> TYPE: DNA
 375 <213> ORGANISM: Artificial Sequence
 377 <220> FEATURE:
 378 <223> OTHER INFORMATION: Description of Artificial Sequence: (-ACTIN
 379 oligonucleotide probe
 381 <400> SEQUENCE: 28
 382 ggacgaggcc cagagcaaga gaggc
 E--> 388 (1) 25

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/819,097

DATE: 01/02/2002

TIME: 13:08:09

Input Set : A:\11375Z.txt

Output Set: N:\CRF3\01022002\I819097.raw

L:388 M:254 E: No. of Bases conflict, LENGTH:Input:1 Counted:25 SEQ:28